



U.S. Department  
of Transportation

Research and  
Special Programs  
Administration

400 Seventh Street, S.W.  
Washington, D.C. 20590

JAN 22 1999

DOT-E 2582  
(NINTH REVISION)

EXPIRATION DATE: October 31, 2000

(FOR RENEWAL, SEE 49 CFR SECTION 107.109)

1. GRANTEE: Praxair, Inc.  
Tonawanda, NY  
  
(See Appendix A to this document for a list of additional grantees)
2. PURPOSE AND LIMITATION: This exemption authorizes the transportation in commerce of certain hazardous materials in cylinders not presently authorized in 49 CFR. This exemption provides no relief from any regulation other than as specifically stated herein.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR, 173.228(b), 173.304, 173.338, 178.38(b) and 178.42(b), in that non-specification cylinders are not authorized packagings.
5. BASIS: This exemption is based on the application of Praxair, Inc., dated December 29, 1998, submitted in accordance with 49 CFR 107.109.

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6. HAZARDOUS MATERIALS (49 CFR 172.101):

Hazardous materials description -- proper shipping name	Hazard Class/ Division	Identi- fication Number	Packing Group
Bromine pentafluoride	5.1	UN1745	I, Hazard Zone A
Bromine trifluoride	5.1	UN1746	I, Hazard Zone B
Chlorine trifluoride	2.3	UN1749	N/A
Chlorine pentafluoride	2.3	UN2548	N/A
Nitrosyl chloride	2.3	UN1069	N/A
Other hazardous materials which are authorized for shipment in DOT Specification 3E cylinders	various	various	I, II, III as appropri- ate
Tungsten hexafluoride	2.3	UN2196	N/A

7. PACKAGING AND SAFETY CONTROL MEASURES:

- a. PACKAGING - Packaging prescribed are cylinders made in compliance with DOT Specification 3E1800 except they are made of monel, having water capacities not exceeding 15 ounces; and cylinders made in compliance with DOT Specification 3B400 except they are made of monel. The cylinders measure 4-inches in diameter by 23-3/8 inches in length, including valve protection cap, having water capacities not exceeding 5 pounds. Cylinders must not be equipped with safety relief devices of any type. Specification 3E1800 cylinders must be packaged in strong outside boxes.
- b. MARKING - In lieu of the DOT Specification 3E or 3B marking, each cylinder must be marked "DOT-E 2582".

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8. SPECIAL PROVISIONS:

a. Persons who receive the packages covered by this exemption may reoffer them for transportation provided no modifications or changes are made to the packages, all terms of this exemption are complied with and a current copy of this exemption is maintained at each facility from which such reoffering occurs.

b. Shippers using the packaging covered by this exemption must comply with all provisions of this exemption, and all other applicable requirements contained in 49 CFR Parts 171-180.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, cargo vessel, cargo aircraft only.

10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each cargo vessel and aircraft used to transport the cylinders covered by this exemption. The shipper shall furnish a copy of this exemption to the air carrier before or at the time the shipment is tendered.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. Section 5101 et seq:

o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.

o Registration required by 49 CFR 107.601 et seq., when applicable.

Each "hazmat employee" as defined in 49 CFR 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by 49 CFR 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for


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Hazardous Materials Safety (AAHMS) as soon as practicable. (49 CFR 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incidents involving the package and shipments made under the terms of this exemption.

Issued at Washington, D.C.:

  
for Alan I. Roberts  
Associate Administrator  
for Hazardous Materials Safety

1/22/99  
(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.  
Attention: DHM-31.

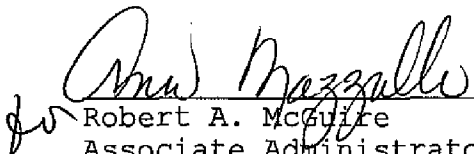
The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

Dist: FHWA, FRA, FAA, USCG  
PO: am

SEP 14 2000

The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Application Date	Issue Date	Expiration Date
Air Products & Chemicals, Inc. Allentown, PA	7/7/00	7/20/2000	5/31/2002
BOC Edwards Murray Hill, NJ	7/19/00	8/2/2000	5/31/2002
Gas Tech. Inc. Hillside, IL	6/9/00	6/19/2000	5/31/2002
Matheson Tri-Gas, Inc. East Rutherford, NJ (Former Grantee: Matheson Gas Products)	8/14/2000	SEP 14 2000	5/31/2002
Praxair Distribution, Inc. Danbury, CT	12/29/98	1/22/99	10/31/2000

  
Robert A. McGuire  
Associate Administrator for  
Hazardous Materials Safety